

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4311	((@ad<"20001120").ad. and (online or on adj line or internet or ecommerce or e adj commerce) and (photo\$1 or photograph\$1 or digital adj content))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/23 14:43
S2	162	((@ad<"20001120").ad. and (online or on adj line or internet or ecommerce or e adj commerce) and (photo\$1 or photograph\$1 or digital adj content)) and order\$3 near3 deliver\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/24 13:09
S3	31144	(((@ad<"20001120").ad. and (online or on adj line or internet or ecommerce or e adj commerce) and (photo\$1 or photograph\$1 or digital adj content)) and order\$3 near3 deliver\$3) and (electronic adj mail) or email or (e adj mail)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/24 13:00
S4	83	(((@ad<"20001120").ad. and (online or on adj line or internet or ecommerce or e adj commerce) and (photo\$1 or photograph\$1 or digital adj content)) and order\$3 near3 deliver\$3) and credit near2 card\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/24 14:15
S5	4	"5923906".pn. "5974401".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/24 15:00
S6	4	"5974401".URPN.	USPAT	OR	OFF	2003/04/24 14:16
S7	1	"5923906".URPN.	USPAT	OR	OFF	2003/04/24 14:19
S8	57	fortenberry.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/24 15:18
S9	2	"5191611".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/24 15:18
S10	141	"5191611".URPN.	USPAT	OR	OFF	2003/04/24 15:19
S11	141	"5191611".URPN.	USPAT	OR	OFF	2003/04/24 15:24

S12	6	"5666215".pn. "5760917".pn. "5619275".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/28 12:55
S13	42	"5666215".URPN.	USPAT	OR	OFF	2003/04/28 13:18
S14	442	(@ad<"20001120").ad. and (online or on adj line or internet or ecommerce or e adj commerce) and (photo\$1 or photograph\$1) near4 (digital adj content or data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/08/28 14:25
S15	62	((@ad<"20001120").ad. and (online or on adj line or internet or ecommerce or e adj commerce) and (photo\$1 or photograph\$1) near4 (digital adj content or data)) and ((electronic adj mail) or email)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/08/28 13:55
S16	3	"6324521".URPN.	USPAT	OR	OFF	2003/08/28 14:16
S17	45	((@ad<"20001120").ad. and (online or on adj line or internet or ecommerce or e adj commerce) and (photo\$1 or photograph\$1) near4 (digital adj content or data)) and (service adj provider\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/08/28 14:40
S18	6	"5822625".pn. "5619275".pn. "4949117".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/08/28 14:41
S19	9	"5822625".URPN.	USPAT	OR	OFF	2003/08/28 14:42
S20	8	"5923906".pn. "6324512".pn. "5706917".pn. "5666215".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/02 12:08
S21	8	"5923906".pn. "6324512".pn. "5760917".pn. "5666215".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/02 12:10
S22	8	"5923906".pn. "6324512".pn. "5760917".pn. "5666215".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/02 12:10
S23	8	"5923906".pn. "6324521".pn. "5760917".pn. "5666215".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/02 12:10

S24	2	"5113351".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/02/03 07:18
S25	43	"5113351".URPN.	USPAT	OR	OFF	2004/02/03 06:57
S26	5	"5965859".URPN.	USPAT	OR	OFF	2004/02/03 07:07
S27	2	"6104885".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/02/03 08:49
S28	3	"6104885".URPN.	USPAT	OR	OFF	2004/02/03 07:20
S29	2	"6324521".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/02/03 09:37
S30	4	"6324521".URPN.	USPAT	OR	OFF	2004/02/03 08:50
S31	2	"6104885".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/02/03 09:37
S32	3	"6104885".URPN.	USPAT	OR	OFF	2004/02/03 09:38
S33	8	"5965859".pn. "5974401".pn. "6104885".pn. "6133985".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/02/03 15:00
S34	15	jepsen.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/01 13:07
S35	15	jepsen.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/01 13:09
S36	113	jepsen.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/01 13:09
S37	2	"6321231".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/01 13:15

S38	2	"5965859".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/01 14:17
S39	5	"5965859".URPN.	USPAT	OR	OFF	2004/07/01 14:17
S40	81	(@ad<"20001120").ad. and (online or (on adj line) or internet or web or ecommerce or (e adj commerce)) and (thumbnail or (low adj resolution)) near3 send\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/23 14:52
S41	177032	(@ad<"20001120").ad. and (online or (on adj line) or internet or web or ecommerce or (e adj commerce)) and (order\$ or buy\$ or select\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/23 14:54
S42	11155	((@ad<"20001120").ad. and (online or (on adj line) or internet or web or ecommerce or (e adj commerce)) and (order\$ or buy\$ or select\$3)) and image\$1 and (photograph\$1 or picture\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/23 15:00
S43	1388	(((@ad<"20001120").ad. and (online or (on adj line) or internet or web or ecommerce or (e adj commerce)) and (order\$ or buy\$ or select\$3)) and image\$1 and (photograph\$1 or picture\$1)) and (service\$1 adj provider\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/23 15:01
S44	18992	(((((@ad<"20001120").ad. and (online or (on adj line) or internet or web or ecommerce or (e adj commerce)) and (order\$ or buy\$ or select\$3)) and image\$1 and (photograph\$1 or picture\$1)) and (service\$1 adj provider\$1)) and thumbnail\$1 or (low adj resolution)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/23 15:02
S45	140	(((((@ad<"20001120").ad. and (online or (on adj line) or internet or web or ecommerce or (e adj commerce)) and (order\$ or buy\$ or select\$3)) and image\$1 and (photograph\$1 or picture\$1)) and (service\$1 adj provider\$1)) and thumbnail\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/23 15:03
S46	0	"6657702".URPN.	USPAT	OR	OFF	2004/07/23 15:18
S47	4	"5974401".pn. "5965859".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/23 15:45

S48	365053	((@ad<"20001120").ad. and (online or (on adj line) or internet or web or ecommerce or (e adj commerce) or portal\$1) and order\$ or buy\$ or purchas\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/25 11:57
S49	111	((@ad<"20001120").ad. and (online or (on adj line) or internet or web or ecommerce or (e adj commerce) or portal\$1) and order\$ or buy\$ or purchas\$) and (photograph\$1 or picture\$1 or film) and ((thumbnail or (low adj resolution))) near4 (send\$3 or transmit\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/25 11:36
S50	114	((@ad<"20001120").ad. and (online or (on adj line) or internet or web or ecommerce or (e adj commerce) or portal\$1) and order\$ or buy\$ or purchas\$) and (photograph\$1 or picture\$1 or film) and ((thumbnail\$1 or (low adj resolution))) near4 (send\$3 or transmit\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/25 11:36
S51	84	((@ad<"20001120").ad. and (online or (on adj line) or internet or web or ecommerce or (e adj commerce) or portal\$1) and order\$ or buy\$ or purchas\$) and (photograph\$1 or picture\$1 or film) and ((thumbnail\$1 or (low adj resolution))) near2 (send\$3 or transmit\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/25 11:43
S52	4061	((@ad<"20001120").ad. and (online or (on adj line) or internet or web or ecommerce or (e adj commerce) or portal\$1) and order\$ or buy\$ or purchas\$) and ((photograph\$1 or picture\$1 or film) near5 develop\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/25 11:46
S53	20	((@ad<"20001120").ad. and (online or (on adj line) or internet or web or ecommerce or (e adj commerce) or portal\$1) and order\$ or buy\$ or purchas\$) and ((photograph\$1 or picture\$1 or film) near5 develop\$3)) and ((send\$3 or transmit\$) near5 (thumbnail\$1 or (low adj resolution)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/25 11:51

S54	2	"6167469".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/25 11:51
S55	15	"6167469".URPN.	USPAT	OR	OFF	2004/07/25 11:51
S56	827	(@ad<"20001120").ad. and camera\$1 and ((send\$3 or transmit\$) near5 (low adj resolution) or thumbnail\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/25 12:12
S57	34	((@ad<"20001120").ad. and camera\$1 and ((send\$3 or transmit\$) near5 (low adj resolution) or thumbnail\$1)) and ((order\$3 or purchas\$3) near4 (friend\$1 or relative\$1 or famil\$3 or (third adj part\$3) or other\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/25 12:07
S58	14	((@ad<"20001120").ad. and camera\$1 and ((send\$3 or transmit\$) near5 (low adj resolution) or thumbnail\$1)) and ((order\$3 or purchas\$3) near2 (friend\$1 or relative\$1 or famil\$3 or (third adj part\$3) or other\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/25 12:07
S59	476	((@ad<"20001120").ad. and camera\$1 and ((send\$3 or transmit\$) near5 (low adj resolution) or thumbnail\$1)) and (friend\$1 or relative\$1 or famil\$3 or (third adj part\$3) or other\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/25 12:13
S60	427	((@ad<"20001120").ad. and camera\$1 and ((send\$3 or transmit\$) near5 (low adj resolution) or thumbnail\$1)) and (friend\$1 or relative\$1 or famil\$3 or (third adj part\$3) or other\$1)) and order\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/25 12:13
S61	72	((@ad<"20001120").ad. and camera\$1 and ((send\$3 or transmit\$) near5 (low adj resolution) or thumbnail\$1)) and (friend\$1 or relative\$1 or famil\$3 or (third adj part\$3) or other\$1)) and (order\$3 near4 (print\$1 or picture\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/25 12:14
S62	5	"6324521".URPN.	USPAT	OR	OFF	2004/07/25 12:25
S63	60	"5666215".URPN.	USPAT	OR	OFF	2004/07/25 12:32
S64	3	"6301607".URPN.	USPAT	OR	OFF	2004/07/25 12:40
S65	35	"5760917".URPN.	USPAT	OR	OFF	2004/07/25 12:43

S66	2	"4714962".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/25 13:02
S67	78	"4714962".URPN.	USPAT	OR	OFF	2004/07/25 13:02
S68	2	"4714962".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/26 07:06
S69	78	"4714962".URPN.	USPAT	OR	OFF	2004/07/26 07:07
S70	29	"5845166".URPN.	USPAT	OR	OFF	2004/07/26 07:16
S71	357986	((@ad<"20001120").ad. and camera\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/09 12:33
S72	262	((@ad<"20001120").ad. and camera\$1) and (send\$3 or transmit\$ comunicat\$3) with ((low adj resolution) or thumbnail\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/09 12:34
S73	104	((@ad<"20001120").ad. and camera\$1) and (send\$3 or transmit\$ comunicat\$3) near2 ((low adj resolution) or thumbnail\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/09 12:35
S74	104	((@ad<"20001120").ad. and camera\$1) and (send\$3 or transmit\$) near2 ((low adj resolution) or thumbnail\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/09 12:36
S75	74	((@ad<"20001120").ad. and camera\$1) and transmit\$ near2 ((low adj resolution) or thumbnail\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/09 12:42
S76	61	((@ad<"20001120").ad. and camera\$1) and transmit\$ near2 (low adj resolution)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/09 12:42
S77	67	"5666215".URPN.	USPAT	OR	OFF	2004/11/09 12:51
S78	35	"5760917".URPN.	USPAT	OR	OFF	2004/11/09 13:13

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File 348:EUROPEAN PATENTS 1978-2004/Nov W01

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20041111,UT=20041104

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Set	Items	Description
S1	13343	LOW() (REZ OR RESOLUTION? ?) OR JPEG
S2	43037	HIGH() (REZ OR RESOLUTION? ?) OR TIF OR TIFF
S3	434	S1(3N) (TRANSMIT? OR FORWARD? OR ROUTE? OR SEND? OR TRANSMISSION OR EMAIL? OR MAIL? OR E()MAIL? OR E()MESSAG? OR UPLOAD? OR UP()LOAD? OR DOWN()LOAD?)
S4	3083	S2(3N) (ASSEMBL? OR CONVERT? OR CONVERSION? OR CHANG? OR MORPH? OR PRODUCING OR PRODUCE OR PRODUCES OR CREAT? OR CONSTRUCT?)
S5	765	S2(3N) (DEVELOP? OR REENGINEER? OR RESTOR? OR RECONSTRUCT?)
S6	26746	(THIRD OR 3RD) () (PARTY OR PARTIES) OR CLEARINGHOUSE? OR CLEARING()HOUSE? OR RETAILER? OR MERCHANT? OR (FILM OR PHOTO?) (-)DEVELOPER? OR CVS OR DRUG()STORE OR DISTRICT()PHOTO
S7	5	S3(2S) (S4 OR S5) (2S)S6
S8	24	S3(2S) (S4 OR S5)
S9	19	S8 NOT S7
?		

Handwritten signature

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File 15:ABI/Inform(R) 1971-2004/Nov 18
 (c) 2004 ProQuest Info&Learning
 File 16:Gale Group PROMT(R) 1990-2004/Nov 18
 (c) 2004 The Gale Group
 File 148:Gale Group Trade & Industry DB 1976-2004/Nov 18
 (c)2004 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2004/Nov 18
 (c) 2004 The Gale Group
 File 621:Gale Group New Prod.Annou.(R) 1985-2004/Nov 18
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 File 9:Business & Industry(R) Jul/1994-2004/Nov 17
 (c) 2004 The Gale Group
 File 20:Dialog Global Reporter 1997-2004/Nov 18
 (c) 2004 The Dialog Corp.
 File 476:Financial Times Fulltext 1982-2004/Nov 18
 (c) 2004 Financial Times Ltd
 File 610:Business Wire 1999-2004/Nov 17
 (c) 2004 Business Wire.
 File 613:PR Newswire 1999-2004/Nov 17
 (c) 2004 PR Newswire Association Inc
 File 634:San Jose Mercury Jun 1985-2004/Nov 17
 (c) 2004 San Jose Mercury News
 File 636:Gale Group Newsletter DB(TM) 1987-2004/Nov 18
 (c) 2004 The Gale Group
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 13:BAMP 2004/Nov W1
 (c) 2004 The Gale Group
 File 75:TGG Management Contents(R) 86-2004/Nov W1
 (c) 2004 The Gale Group
 File 95:TEME-Technology & Management 1989-2004/Jun W1
 (c) 2004 FIZ TECHNIK

Set	Items	Description
S1	68849	LOW() (REZ OR RESOLUTION? ?) OR JPEG
S2	260895	HIGH() (REZ OR RESOLUTION? ?) OR TIF OR TIFF
S3	1483	S1(3N) (TRANSMIT? OR FORWARD? OR ROUTE? OR SEND? OR TRANSMISSION OR EMAIL? OR MAIL? OR E()MAIL? OR E()MESSAG? OR UPLOAD? OR UP()LOAD? OR DOWN()LOAD?)
S4	12585	S2(3N) (ASSEMBL? OR CONVERT? OR CONVERSION? OR CHANG? OR MORPH? OR PRODUCING OR PRODUCE OR PRODUCES OR CREAT? OR CONSTRUCT?)
S5	5191	S2(3N) (DEVELOP? OR REENGINEER? OR RESTOR? OR RECONSTRUCT?)
S6	4298871	(THIRD OR 3RD) () (PARTY OR PARTIES) OR CLEARINGHOUSE? OR CLEARING()HOUSE? OR RETAILER? OR MERCHANT? OR (FILM OR PHOTO?) (-)DEVELOPER? OR CVS OR DRUG()STORE OR DISTRICT()PHOTO
S7	0	S3(2S) (S4 OR S5) (2S) S6
S8	4	S3(2S) (S4 OR S5)
S9	4	S8 NOT S7
S10	11	S3 AND (S4 OR S5) AND S6
S11	14	S8:S10
S12	14	S11 NOT PY>2000
S13	18	RD (unique items)
? t13/3,k/all		

Search Report from Ginger R. DeMille

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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200474

(c) 2004 Thomson Derwent

File 344:Chinese Patents Abs Aug 1985-2004/May

(c) 2004 European Patent Office

File 347:JAPIO Nov 1976-2004/Jul(Updated 041102)

(c) 2004 JPO & JAPIO

File 371:French Patents 1961-2002/BOPI 200209

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Set	Items	Description
S1	6295	LOW() (REZ OR RESOLUTION? ?) OR JPEG
S2	47328	HIGH() (REZ OR RESOLUTION? ?) OR TIF OR TIFF
S3	231	S1(3N) (TRANSMIT? OR FORWARD? OR ROUTE? OR SEND? OR TRANSMISSION OR EMAIL? OR MAIL? OR E()MAIL? OR E()MESSAG? OR UPLOAD? OR UP()LOAD? OR DOWN()LOAD?)
S4	2204	S2(3N) (ASSEMBL? OR CONVERT? OR CONVERSION? OR CHANG? OR MORPH? OR PRODUCING OR PRODUCE OR PRODUCES OR CREAT? OR CONSTRUCT?)
S5	799	S2(3N) (DEVELOP? OR REENGINEER? OR RESTOR? OR RECONSTRUCT?)
S6	9897	(THIRD OR 3RD) () (PARTY OR PARTIES) OR CLEARINGHOUSE? OR CLEARING()HOUSE? OR RETAILER? OR MERCHANT? OR (FILM OR PHOTO?) (-DEVELOPER? OR CVS OR DRUG()STORE OR DISTRICT()PHOTO
S7	0	S3 AND (S4 OR S5) AND S6
S8	12	S3 AND (S4 OR S5)

? t8/4/all

8/4/1 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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IM- *Image available*

AA- 2004-076768/200408|

XR- <XRPX> N04-062002|

TI- Printing system converts low resolution multi-value bit map into format suitable for printing, and synthesizes **converted** map with **high resolution** mask pattern to **produce high resolution** bit map|

PA- CANON KK (CANO)|

NC- 001|

NP- 001|

PN- JP 2004005257 A 20040108 JP 2002160569 A 20020531 200408 B|

AN- <LOCAL> JP 2002160569 A 20020531|

AN- <PR> JP 2002160569 A 20020531|

LA- JP 2004005257(13)|

AB- <PN> JP 2004005257 A|

AB- <NV> NOVELTY - A **transmitter** (20) **transmits** the **low resolution** multi-value bit map and the high resolution mask pattern produced from the drawing command of an application, to a printer (7). A resolution converter (25) converts the bit map into resolution suitable for printing the bit map, and synthesizes **converted** bit map with **high resolution** mask pattern, to **produce high resolution** bit map.|

AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) program for printing system control; and

(2) recorded medium storing printing system control program.

USE - Printing system.

ADVANTAGE - Prints high-resolution multi-value bit map quickly and effectively.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of